

WHAT IS CLAIMED IS:

1. An information processing apparatus
comprising:

5 finishing command setting means which can set a
finishing command to a printer so as to rotation-sort-
output or Offset-output document data; and

counting means for counting the number of physical
sheets to which the document data of one copy whose
output is desired is allocated,

10 wherein said finishing command setting means sets
said finishing command in a manner such that in the
case where the document data of one copy is printed
onto one physical sheet as a result of the counting by
said counting means, the rotation sort output or the
15 Offset output is not performed, and in the case where
the document data of one copy is printed onto two or
more physical sheets, the rotation sort output or the
Offset output is performed.

20 2. An apparatus according to claim 1, further
comprising print mode setting means for setting a print
mode of the document data,

and wherein said print mode setting means has
layout print setting means for arranging a plurality of
25 logical pages to one page of the physical sheet.

3. An apparatus according to claim 2, further
comprising:

print instructing means for instructing execution
of printing; and

spooling means for spooling said document data as
intermediate data of a data format different from that
5 of said document data,

and wherein said counting means executes the
counting on the basis of said intermediate data spooled
by said spooling means.

10 4. An apparatus according to claim 3, further
comprising:

intermediate data page editing means for making a
layout print control of said intermediate data on the
basis of the number counted by said counting means and
15 the print mode set by said print mode setting means;

intermediate data output means for outputting said
edited intermediate data; and

print data generating means for generating print
data from said outputted intermediate data.

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5. A print data generating method comprising:

a finishing command setting step which can set a
finishing command to a printer so as to rotation-sort-
output or Offset-output document data; and

25 a counting step of counting the number of physical
sheets to which the document data of one copy whose
output is desired is allocated,

wherein in said finishing command setting step,
said finishing command is set in a manner such that in
the case where the document data of one copy is printed
onto one physical sheet as a result of the counting in
5 said counting step, the rotation sort output or the
Offset output is not performed, and in the case where
the document data of one copy is printed onto two or
more physical sheets, the rotation sort output or the
Offset output is performed.

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6. A method according to claim 5, further
comprising a print mode setting step of setting a print
mode of the document data,

and wherein said print mode setting step further
15 has a layout print setting step of arranging a
plurality of logical pages to one page of the physical
sheet.

7. A method according to claim 6, further
20 comprising:

a print instructing step of instructing execution
of printing; and

a spooling step of spooling said document data as
intermediate data of a data format different from that
25 of said document data,

and wherein the number of physical sheets is
counted in said counting step on the basis of said

intermediate data spooled by said spooling step.

8. A method according to claim 7, further comprising:

5 an intermediate data page editing step of making a layout print control of said intermediate data on the basis of the number counted by said counting step and the print mode set by said print mode setting step;

10 an intermediate data output step of outputting said edited intermediate data; and

 a print data generating step of generating print data from said outputted intermediate data.

9. A print control program comprising:

15 a finishing command setting step which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data; and

20 a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated,

 wherein in said finishing command setting step, said finishing command is set in a manner such that in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in
25 said counting step, the rotation sort output or the Offset output is not performed, and in the case where the document data of one copy is printed onto two or

more physical sheets, the rotation sort output or the Offset output is performed.

10. A computer-readable recording medium which
5 records a program, wherein said program comprises:

a finishing command setting step which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data; and

10 a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated,

and in said finishing command setting step, said finishing command is set in a manner such that in the case where the document data of one copy is printed
15 onto one physical sheet as a result of the counting in said counting means, the rotation sort output or the Offset output is not performed, and in the case where the document data of one copy is printed onto two or more physical sheets, the rotation sort output or the
20 Offset output is performed.

11. An information processing apparatus having finishing command setting means which can set a finishing command to a printer so as to rotation-sort-
25 output or Offset-output document data, comprising:

counting means for counting the number of physical sheets to which the document data of one copy whose

output is desired is allocated; and

finishing command editing means for cancelling the
finishing command set so as to allow said finishing
command setting means to execute the finishing
5 operation in the case where the document data of one
copy is printed onto one physical sheet as a result of
the counting by said counting means.

12. An apparatus according to claim 11, further
10 comprising print mode setting means for setting a print
mode of the document data,

and wherein said print mode setting means has
layout print setting means for arranging a plurality of
logical pages to one page of the physical sheet.

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13. An apparatus according to claim 12, further
comprising:

print instructing means for instructing execution
of printing; and

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spooling means for spooling said document data as
intermediate data of a data format different from that
of said document data,

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and wherein said counting means executes the
counting on the basis of said intermediate data spooled
by said spooling means.

14. An apparatus according to claim 13, further

comprising:

intermediate data page editing means for making a layout print control of said intermediate data on the basis of the number counted by said counting means and
5 the print mode set by said print mode setting means;
intermediate data output means for outputting said edited intermediate data; and
print data generating means for generating print data from said outputted intermediate data.

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15. A print data generating method of an information processing apparatus having a finishing command setting unit which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data, comprising:

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a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated; and

a finishing command editing step of cancelling the finishing command set so as to allow said finishing command setting unit to execute the finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step.

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16. A method according to claim 15, further comprising a print mode setting step of setting a print

mode of the document data,

and wherein said print mode setting step has a layout print setting step of arranging a plurality of logical pages to one page of the physical sheet.

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17. A method according to claim 16, further comprising:

a print instructing step of instructing execution of printing; and

10 a spooling step of spooling said document data as intermediate data of a data format different from that of said document data,

and wherein the counting is executed in said counting step on the basis of said intermediate data
15 spooled by said spooling step.

18. A method according to claim 17, further comprising:

an intermediate data page editing step of making a
20 layout print control of said intermediate data on the basis of the number counted by said counting step and the print mode set by said print mode setting step;

an intermediate data output step of outputting said edited intermediate data; and

25 a print data generating step of generating print data from said outputted intermediate data.

19. A print control program which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data, comprising:

5 a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated; and

10 a finishing command editing step of cancelling the finishing command set so as to execute a finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step.

20. A computer-readable recording medium which records a print control program, wherein said program
15 comprises:

a counting step of counting the number of physical sheets to which document data of one copy whose output is desired is allocated; and

20 a finishing command editing step of cancelling a finishing command set so as to execute a finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step.